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PAT-NO: JP410021529A

DOCUMENT-IDENTIFIER: JP 10021529 A

TITLE: DISK TYPE MAGNETIC RECORDING MEDIUM

PUBN-DATE: January 23, 1998

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APPL-NO: JP08171328

APPL-DATE: July 1, 1996

INT-CL (IPC): G11B005/704, C09D005/23, C09D007/12

ABSTRACT:

PROBLEM TO BE SOLVED: To provide a disk type magnetic recording medium in which electromagnetic transduction characteristics, especially high-density recording characteristics are significantly improved and excellent characteristics can be shown for any size of the medium.

SOLUTION: This medium is produced by successively forming a base layer which is substantially nonmagnetic and a magnetic layer having dispersion of a ferromagnetic fine powder or ferromagnetic hexagonal ferrite fine powder in a binder on a nonmagnetic base body. The nonmagnetic base body is composed of an

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aramid having \leq 10nm center face average surface roughness SRa. The thickness $d\mu m$ of the nonmagnetic base body and the outer diameter Dmm of the recording region satisfy the relation of $1.25 \leq D/d \leq 2.5$.

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